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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

7

Application Number	10/520,824
Filing Date	January 7, 2005
First Named Inventor	Hirohisa TANAKA
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned

Attorney Docket Number

71465.00008

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): English Language Translation of International Preliminary Examination Report of PCT/JP2003/008437
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Dickinson Wright, PLLC		
Signature	<i>Jean C. Edwards</i>		
Printed name	Jean C. Edwards		
Date	March 14, 2005	Reg. No.	41,728

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name		Date	

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Atto [REDACTED] Docket No.: 71465.00008
Customer No.: 35161

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hirohisa TANAKA et al.

Group Art Unit: Not Yet Assigned

Application No.: 10/520,824

Examiner: Not Yet Assigned

Filed: January 7, 2005

Atty Dkt No: 71465.00008

Confirmation No.: Not Yet Assigned

Customer No.: 35161

For: EXHAUST GAS PURIFYING CATALYST

SUBMISSION OF TRANSLATION OF
THE INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find attached the translation of the International Preliminary Examination Report as issued in corresponding International Application No.: PCT/JP2003/008437. The Examiner is respectfully requested to acknowledge receipt of this submission.

Respectfully submitted,

Jean C. Edwards
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NOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT

(PCT Rule 72.2)

Date of mailing (day/month/year)
27 January 2005 (27.01.2005)

FEB. - 7. 2005

Ai Association of Patent
and Trademark Attorneys

Applicant's or agent's file reference
903006PCT

IMPORTANT NOTIFICATION

International application No.
PCT/JP2003/008437

International filing date (day/month/year)
03 July 2003 (03.07.2003)

Applicant

DAIHATSU MOTOR CO., LTD. et al

1. Transmittal of the translation to the applicant.

The International Bureau transmits herewith a copy of the English translation made by the International Bureau of the international preliminary examination report established by the International Preliminary Examining Authority.

2. Transmittal of the copy of the translation to the elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following elected Offices requiring such translation:

AZ, CA, CH, CN, CO, EP, GH, KG, KP, KR, MK, MZ, RO, RU, TM

The following elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

AE, AG, AL, AM, AP, AT, AU, BA, BB, BG, BR, BY, BZ, CR, CU, CZ, DE, DK, DM, DZ, EA, EC, EE, ES, FI, GB, GD, GE, GM, HR, HU, ID, IL, IN, IS, KE, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, NI, NO, NZ, OA, OM, PG, PH, PL, PT, SC, SD, SE, SG, SK, SL, SY, TJ, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report.

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

To:

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c/o Ai ASSOCIATION OF PATENT AND
TRADE MARK ATTORNEYS
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Translation

PATENT COOPERATION TREATY

PC1/NP2003/000431

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 903006PCT	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/JP2003/008437	International filing date (day/month/year) 03 July 2003 (03.07.2003)	Priority date (day/month/year) 09 July 2002 (09.07.2002)
International Patent Classification (IPC) or national classification and IPC B01J 23/89, 23/68, 23/58, 23/656, B01D 53/94		
Applicant DAIHATSU MOTOR CO., LTD.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 4 sheets, including this cover sheet.

This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 4 sheets.

3. This report contains indications relating to the following items:

- I Basis of the report
- II Priority
- III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV Lack of unity of invention
- V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI Certain documents cited
- VII Certain defects in the international application
- VIII Certain observations on the international application

Date of submission of the demand 25 November 2003 (25.11.2003)	Date of completion of this report 12 May 2004 (12.05.2004)
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

Form PCT/IPEA/409 (cover sheet) (July 1998)

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I. Basis of the report

1. With regard to the elements of the international application:*

 the international application as originally filed the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

 the claims:

pages _____, as originally filed

pages _____, as amended (together with any statement under Article 19)

pages _____, filed with the demand

pages _____, filed with the letter of _____

 the drawings:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

 the sequence listing part of the description:

pages _____, as originally filed

pages _____, filed with the demand

pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

 the language of a translation furnished for the purposes of international search (under Rule 23.1(b)). the language of publication of the international application (under Rule 48.3(b)). the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

 contained in the international application in written form. filed together with the international application in computer readable form. furnished subsequently to this Authority in written form. furnished subsequently to this Authority in computer readable form. The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished. The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.4. The amendments have resulted in the cancellation of: the description, pages _____ the claims, Nos. _____ the drawings, sheets/fig _____5. This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP03/08437

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	YES
	Claims	NO
Inventive step (IS)	Claims	YES
	Claims	NO
Industrial applicability (IA)	Claims	YES
	Claims	NO

2. Citations and explanations

Document 1: JP 63-302950 A (Nissan Motor Co., Ltd.) December 9, 1988
 Document 2: JP 2-265648 A (Nissan Motor Co., Ltd.) October 30, 1990
 Document 3: JP 3-186346 A (Daihatsu Motor Co., Ltd.) August 14, 1991
 Document 4: JP 5-76762 A (Sakai Chemical Industry Co., Ltd.) March 30, 1993
 Document 5: US 5622680 A (Specialites et Techniques en Traitement de Surfaces-STTS) April 22, 1997

Based on the descriptions in documents 1-5 cited in the international search report, the inventions of claims 1-4 lack novelty.

Document 1 describes a catalyst for waste gas purification that contains a perovskite composite oxide represented by the general formula $A_{1-x}A'_xB_{1-y}B'yO_3$, wherein A represents a rare earth metal, A' represents Sr or Ba, B represents Fe or Mn, and B' represents Pt, Rh, or Ru, x represents 0.9 to 0.1 and y represents 0.9 to 0. It also states that this catalyst is carried by platinum. This catalyst is identical to the inventions of claims 1-4.

Document 2 describes a catalyst for waste gas purification that contains a perovskite composite oxide represented by the general formula $La_{1-x}A_xE_{1-y}B_yO_3$, wherein A represents Sr or Ba, B represents Pt, E represents Mn, x represents 0.1 to 0.5, and y represents 0.001 to 0.01. This catalyst is identical to the inventions of claims 1 and 3.

Document 3 describes a catalyst for waste gas purification that contains a perovskite composite oxide represented by the general formula $A_{1-x}A'_xB_{1-y}B'yO_3$, wherein A represents a rare earth element, A' represents Ca, Sr, or Ba, B represents Pt, Rh, or Ru, B' represents Mn, Fe or Al, $0 < x \leq 0.6$, and $0 \leq y \leq 1$. This catalyst is identical to the inventions of claims 1-4.

Document 4 describes a catalyst for waste gas purification that contains a perovskite composite oxide represented by the general formula $A_xB_{1-x}C_yC_{1-y}O_3$, wherein A represents La, B represents Ca, Sr, Ba, Mg or Ag, C represents Mn, C represents Pt, Rh or Ru, $0 \leq x \leq 1$, and $0 \leq y \leq 1$. This catalyst is identical to the inventions of claims 1-4.

Document 5 describes a catalyst for waste gas purification that contains a perovskite composite oxide represented by the general formula $La_{0.8}Sr_{0.2}Mn_yM'_z\Phi_{1-y-z}O_3$, wherein M' represents Pt, Ru or Rh, $0.85 < y \leq 1$, and $0 \leq z < 0.08$. This catalyst is identical to the inventions of claims 1-4.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP03/08437

Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of Box I.5.:

At the time it was filed this international application disclosed only a catalyst for waste gas purification, and it did not make a general disclosure of catalyst compositions that are not restricted to waste gas purification. Therefore, the invention of claim 5 on page 22 and the amendment to page 3 are beyond the scope of disclosure of this international application at the time of filing.